

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Skolnick *et al.*

Art Unit : 1643

Serial No. : 09/493,022

Examiner : Unassigned

Filed : January 27, 2000

Title : PROTEIN MODELING TOOLS



Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Applicants believe no fee is due with this filing. Please apply any charges or credits to Deposit Account No. 06-1050.

The following documents are enclosed herewith:

- copy of Form PTO-1449
- Postcard
- copy of the International Search Report
- copies of cited references

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

September 8, 2000

Date of Deposit


Signature

Marian Christopher

Typed or Printed Name of Person Signing Certificate

REMARKS

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

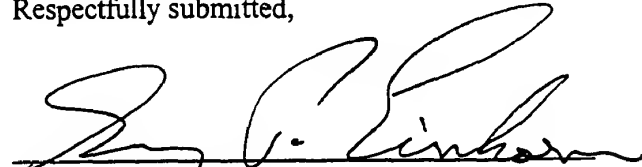
A copy of the International Search Report for PCT/US00/02118, mailed July 10, 2000, a counterpart international application, is enclosed for the Examiner's convenience.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 858 678 5070.

Respectfully submitted,

Date: September 8, 2000


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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 10886-045001 | Application No. 09/493,022 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Skolnick et al. | |
| | | Filing Date January 27, 2000 | Group Art Unit 1643 |

1046 U.S. PTO
09/982488
10/17/01

U.S. Patent Documents

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|--------------------|-------|----------|----------------------------|
| | AA | 4,881,175 | 11/14/89 | Ladner | 364 | 496 | 01/09/88 |
| | AB | 5,025,388 | 06/18/91 | Cramer, III et al. | 364 | 496 | 08/26/88 |
| | AC | 5,265,030 | 11/23/93 | Skolnick et al. | 364 | 496 | 08/19/92 |
| | AD | 5,557,535 | 09/17/96 | Srinivasan et al. | 364 | 496 | 04/28/94 |
| | AE | 5,600,571 | 02/04/97 | Friesner et al. | 364 | 496 | 01/18/94 |
| | AF | 5,612,895 | 03/18/97 | Balaji et al. | 364 | 496 | 04/21/95 |
| | AG | 5,680,319 | 10/21/97 | Rose et al. | 364 | 496 | 05/25/95 |
| | AH | 5,724,252 | 03/03/98 | Iijima et al. | 364 | 496 | 12/09/94 |
| | AI | 5,784,294 | 07/21/98 | Platt et al. | 364 | 496 | 06/09/95 |
| | AJ | | | | | | |

Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation | |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| | | | | | | | Yes | No |
| | AK | | | | | | | |
| | AL | | | | | | | |

Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|--|
| | AM | Ortiz, A.R. et al.; <i>Nativelike Topology Assembly of Small Proteins Using Predicted Restraints in Monte Carlo Folding Simulations</i> ; Proc. Natl. Acad. Sci. USA; February 1998, Vol. 95, pp. 1020-1025. |
| | AN | Kolinski, A. et al.; <i>An Efficient Monte Carlo Model of Protein Chains: Modeling the Short-Range Correlations Between Side Group Centers of Mass</i> ; J. Phys. Chem. 1998, Vol. 102, pp. 4628-4637. |
| | AO | |
| | AP | |

| | |
|--|-----------------|
| Examiner Signature | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |